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The data provided in this bulletin is given solely as an information resource and does not imply endorsement by the U.S. Dept. of Commerce.

OZ ENVIRO

Australian Environmental Bulletin

U.S. Commercial Service, Australia

Welcome to the Australian Environmental Bulletin

This publication contains business intelligence on the Australian environmental market.

Total environmental spending in Australia is around US\$5.3 billion and is forecast to grow at a rate of four percent until 2005. In total, the industry is made up of about 2,500 mostly small firms, employing a total of 100,000 people. Imports currently satisfy 70 percent of the total demand for goods, and about 20 percent of the demand for services.

For further information on the articles in this publication or on any aspect of the Australian environmental market, please contact:

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Farm Salinity in Western Australia

Western Australia is the worst affected state in Australia in terms of salinity, with nearly 7,000 farms (51.3% of the state's farms) and 1.2 million hectares of agricultural land showing signs of salinity, according to a special article in Western Australian Statistical Indicators (WASI) released by the Australian Bureau of Statistics (ABS) today.

Results of the 2002 Land Management and Salinity Survey are used in the article, to report on the extent to which salinity has affected land in Western Australia.

Key points from the article include:

- Of the salinity-affected land, 567,377 hectares (45.7%) is unable to be used for production.
- Salinity is more prevalent on non-irrigated farms (60.6%) and on mixed grain beef/sheep farms (86.9%).
- Avon is the worst affected National Action Plan region in the state, with 2,297 farms and 451,044 hectares of land showing signs of salinity, and 63.2% of the salt-affected land unable to be used for production.
- Western Australian farmers led the way in salinity management practices. They have:
 - planted 633,398 hectares of crops, pastures and fodder plants (19.8% of national hectares planted);
 - planted 499,670 hectares of trees (64.4% of national hectares planted);
 - fenced 352,018 hectares of land from grazing (75.5% of national hectares fenced); and
 - constructed 97,900km of earthworks (47.1% of national kilometres constructed).

A total of 6,453 farmers in Western Australia (73.0% of farmers who are affected by or managing salinity) have changed their land management practices to manage or prevent salinity.

Further information can be found in the ABS's publication titled, "Western Australian Statistical Indicators, June Quarter 2003 (cat. no. 1367.5)" at www.abs.gov.au.

Possible Australian Environmental Projects

State	Agency/Company	Value US\$m	Project
VIC	EnviroStar Energy	20	Green waste-to-energy power plant (21 MW), Morwell
QLD	Ren-Shu Pty Ltd	170	Biomass power station and ethanol project, Hughenden
QLD	Stanwell Corp	95	2 Renewable energy power stations, Pioneer sugar mill, near Townsville
QLD	Stanwell Corp.	23	Wind farm, North Stradbroke Island (15-20 MW capacity)
WA	Global Olivine WA	353	Waste-to-energy plant (1.5 mtpa of waste), Kwinana
SA	Ausker Energy / ANZIS	115	Wind farm development (50 MW), Elliston
SA	TrustPower	68	Windfarm, Sellick's Hill, 34 turbines
SA	Wind Prospect / Novera Energy	47	Wind farm (70 MW), Yabmana
TAS	Hydro Tasmania	184	Heemshirk windfarm, between Trial & Granville harbours (160 MW)
VIC or SA	Origin Energy	27	Co-generation plants (20 MW each) using sustainable biomass
N/A	Australian Cooperative Research Centre / Centre for Renewable Energy	19	Internet monitoring system to ensure supply of continuous renewable energy to outback communities

New Fuel Consumption Labels on Cars

The federal government has introduced a new Fuel Consumption Label for new car models that lists both fuel consumption and carbon dioxide emissions.

In a recent media release, the Environment Minister, Dr Kemp, stated that, "Greenhouse gas emissions from the transport sector are one of the fastest growing of any sector in Australia and 90 percent of the transport sector's emissions come from road transport...Cars with the lowest carbon dioxide emissions are better for the environment, and car manufacturers are becoming increasingly aware of buyer interest in environmental performance of vehicles."

The Minister for Transport, Mr Anderson added that, "With the introduction of new and stricter emission standards over a wider range of vehicles, Australia is moving into line with increasingly stringent international standards, improving fuel efficiency and reducing greenhouse gas and other noxious emissions."

Carbon dioxide is a key greenhouse gas produced by fossil fuels. In Australia in 2000, road transport accounted for 12.9 percent of Australia's total national carbon dioxide emissions. For more information about the Fuel Consumption Label, visit the website at: www.greenhouse.gov.au/fuellabel/index.html

NSW set to Overhaul its Radiation Regulation

The NSW Environment Protection Authority (EPA) is seeking the community's feedback on a proposed overhaul of NSW's radiation control regulations to toughen penalties, improve tracking of radioactive material, equipment and waste, and better protect employees from over-exposure in the workplace.

EPA Director-General Lisa Corbyn released the Draft Radiation Control Regulation 2003 to replace the 1993 regulation of the same name. She said the EPA was seeking industry and community feedback on the draft regulation, before it came into effect on 1 September 2003. Copies of the draft regulation can be viewed at www.epa.nsw.gov.au/radiation

Snapshot of Australia's Environment

The latest snapshot of Australia's environment released by the Australian Bureau of Statistics (ABS) in July explains some of the many pressures on the environment and what steps are being taken. Statistics contained in the snapshot include:

Landcare

- The agricultural industry spent AU\$221 million on protecting the environment in 1999-2000.
- Concern about land degradation declined from 15.3% to 10.2% between 1992 and 1999.

Genetically Modified Organisms (GMOs)

- In Australia, it was estimated that 220,000 hectares of GM cotton was grown in 2001-02.
- There were 112 field trials involving GMOs in Australia in 1999.

Forests

- Australia has 164 million hectares of forest.
- Plantations are increasing in importance -they make-up less than one percent of forest area but supply more 50 percent of wood.

Mining and the environment

- Mining contributes 4 percent to GDP and accounts for approximately 40 percent of Australia's exports.
- Over AU\$390 million was spent on environmental protection by the mining industry in 2000-01.

Wastes

- Australia is in the top 10 solid waste generators in the OECD.
- Approximately 21 million tons of waste was sent to landfills in 1996-97.
- According to the National Pollutant Industry, 3.24 megatons of pollutants entered the environment in 1999-2000.
- Nearly AU\$6 billion was spent by industry, governments and the public on managing waste in 1996-97.
- Australia had approximately 3,200 cubic meters of low-level and short-lived intermediate radio active wastes in 2001.

Further details are in the ABS's publication, Australia's Environment: Issues and Trends (cat. no. 4613.0) at www.abs.gov.au

Distributor Profiles

The following is a list of potential Australian distributors in the Australian environmental market:

Aargus Pty Ltd

Mr. Nickolaos Kariotoglou, Managing Director

Phone: 61-2-9588 9030 Fax: 61-2-9588 9217

Email: nick@aargus.net

PO Box 398

Drummoyne, NSW 2047

Web Site: <http://www.aargus.net>

Year Established: 1994 Business Size: Small

Product Description: Wastewater products and services; groundwater services; air quality; contamination assessments; environmental audits; remediation; chemical production; project management; marketing; OH & S, environmental management systems, technology transfer.

Aquagenics Pty Ltd

Mr Bill Day, Managing Director

Phone: 61-2-9757 1922 Fax: 61-2-9757 1238

Email: aquapac@msn.com.au

1 101 Percival Road

Smithfield, NSW 2164

Web Site: www.aquagenics.com.au

Year Established: 1982 Business Size: Small

Product Description: Design and construction contractor engaged in the potable water treatment plant market for municipal applications.

DataTaker Pty Ltd

Mr Stephen Harrison, Sales Manager - Australia

Phone: 61-3 9764-8600 Fax: 61-3 9764-8997

Email: sales@datataker.com.au

7 Seismic Court

Rowville, VIC 3160

Web Site: www.datataker.com.au

Year Established: 1982 Business Size: Small

Product Description: Company manufactures and distributes data logging and data acquisition products.

Pacific Data Systems Pty Ltd

Mr George Porter, General Manager

Phone: 61-7-3275 2999 Fax: 61-7-3275 2244

Email: gporter@pacdatasys.com.au

PO Box 324

Salisbury, QLD 4107

Web Site: www.pacdatasys.com.au

Year Established: 1984 Business Size: Small

Product Description: Distributors of environmental monitoring instrumentation and equipment.

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Please also let us know if the information contained in this newsletter is beneficial to your business. We are interested in knowing if our services help you sell in Australia. Please send an email to John Kanawati with any questions, comments, requests, and, best of all, success stories! Thanks!



U.S. Dept. of Commerce
Product Literature Center at
ENVIRO 04 Convention & Exhibition
March 29 – 31, 2004 Sydney Australia



Is there a market for your environmental products, technology, and services in Australia? Let us find out for you! The U.S. Department of Commerce is organizing a Product Literature Center at Enviro 04 (www.enviroaust.net), a major convention and trade show covering the environmental industry.

About Enviro 04

First staged in 2000, Enviro is a biennial event and a platform for five environmental industry associations to run their annual or biennial conferences and showcase technology, products and services in a combined trade exhibition.

The organizers expect the event to bring together around 5,600 people interested in the areas of water, waste, odor, sustainable energy, business of the environment, urban development, food and beverage supply, and intensive agriculture. These 5,600 people represent 1,000 exhibitor staff, 1,600 delegates and 3,000 trade visitors. The exhibition will have enough space to accommodate more than 300 organizations.

The fee for U.S. companies to participate in the Product Literature Center is \$450.

About the Australian Environmental Market

The two driving forces behind the demand for environmental goods and services in Australia are increasing community awareness and government regulations. Population pressure in part explains the demand for water and wastewater treatment, the largest sector of the environmental industry. Since 1998, the change in Australia's Corporations Law have assisted with policy and program formulation at all levels of government. A number of state-based environmental agencies have also revised and updated various environmental laws, such as those governing the management and treatment of scheduled/hazardous wastes and contaminated sites. We see opportunity in the following areas:

- Water and wastewater treatment equipment.
- Remediation technology.
- Solid waste recycling equipment and systems.
- Air pollution control equipment.
- Monitoring instruments.

For further information on how you can participate in the Product Literature Center at Enviro 04, please return the completed form below to John Kanawati at the U.S. Commercial Service, Sydney, Australia, fax: 61-2-9221 0573 or email: john.kanawati@mail.doc.gov

Name: _____ Position: _____

Company: _____

Address: _____

Telephone No: _____ Fax No: _____

Email Address: _____

Line of business: _____